

<b>FORM PTO-1449</b> <b>(Rev. 2-32)</b>  <b>U. S. Department of Commerce</b> <b>Patent and Trademark Office</b>  <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b>  (Use several Sheets is Necessary)	<b>Atty. Docket No.</b> H0004446-1600	<b>Serial No.</b> TBA
	<b>Applicant:</b> Roy M. Carlson and David O. Erstad	
	<b>Filing Date:</b> December 9, 2003	<b>Group:</b> TBA

### U. S. PUBLISHED PATENT APPLICATION DOCUMENTS

Examiner Initials	No.	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
W	1.	2003/0091038 A1	05/15/03	Hagedorn	370	359	11/09/01

### U. S. PATENT DOCUMENTS

Examiner Initials	No.	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
W	2.	4,782,467	11/01/88	Belt et al.	365	154	09/25/87
	3.	4,805,148	02/14/89	Diehl-Nagle et al.	365	154	11/22/85
	4.	5,305,463	04/19/94	Fant et al.	395	800	06/08/93
	5.	5,406,513	04/11/95	Canaris et al.	365	181	02/05/93
	6.	5,640,105	06/17/97	Sobelman et al.	326	36	09/10/96
	7.	5,652,902	07/29/97	Fant	395	800	10/05/94
	8.	5,656,948	08/12/97	Sobelman et al.	326	35	09/09/96
he	9.	5,664,211	09/02/97	Sobelman et al.	395	141	10/05/94

Examiner Initials	No.	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
le	10.	5,664,212	09/02/97	Fant et al.	395	141	03/31/94
	11.	5,764,081	06/09/98	Fant et al.	326	63	01/22/97
	12.	5,796,962	08/18/98	Fant et al.	395	306	04/18/95
	13.	5,793,662	08/11/98	Duncan et al.	364	768	06/07/95
	14.	5,828,228	10/27/98	Fant et al.	326	35	09/02/97
	15.	5,896,541	04/20/99	Fant et al.	395	800.18	06/02/95
	16.	5,907,693	05/25/99	Fant et al.	395	384	09/24/97
	17.	5,930,522	07/27/99	Fant	395	800.25	06/07/95
	18.	5,977,663	11/02/99	Fant et al.	307	251	09/24/97
	19.	5,986,466	11/16/99	Sobelman et al.	326	39	10/08/97
	20.	6,020,754	02/01/00	Sobelman et al.	326	35	03/31/98
	21.	6,031,390	02/29/00	Fant et al.	326	36	12/16/97
	22.	6,043,674	03/28/00	Sobelman	326	35	01/08/98
	23.	6,052,770	04/18/00	Fant	712	14	07/28/97
	24.	6,128,678	10/03/00	Masteller	710	52	08/28/98
	25.	6,262,593	07/17/01	Sobelman et al.	326	35	01/08/98
	26.	6,278,287	08/21/01	Baze	326	9	10/27/99
	27.	6,292,128	09/18/01	Tsui et al.	342	13	04/04/00
	28.	6,308,229	10/23/01	Masteller	710	52	07/24/00
	29.	6,313,660	11/06/01	Sobelman et al.	326	39	10/18/99
	30.	6,326,809	12/04/01	Gambles et al.	326	46	09/27/99
	31.	6,327,607	12/04/01	Fant	709	201	06/25/99
pe	32.	6,333,640	12/25/01	Fant et al.	326	35	10/23/98

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he	33.	6,526,542	02/25/03	Kondratyev	716	2	05/07/01

## FOREIGN PATENT DOCUMENTS

Examiner Initials	No.	Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

Examiner Initials	No.	Document
he	34.	Maher, Michael, "Radiation Design Considerations Using CMOS Logic," National Semiconductor Application Note 926, January 1994
he	35.	"Throw Away the Clock," Theseus Logic - Benefits of NCL - EMI, <a href="http://www.theseus.com/_AboutNCL.htm">http://www.theseus.com/_AboutNCL.htm</a> , printed November 19, 2002
	36.	<del>Sobelman, Gerald E. and Karl Fant, "CMOS Circuit Design of Threshold Gates with Hysteresis," Pages 1 - 5</del>
he	37.	Fant, Karl M. and Scott A. Brandt, "NULL Convention Logic," Theseus Logic: Setting the Standard for Clockless Systems, 1997

EXAMINER	ADW UE	DATE CONSIDERED	5/1/04
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformation and not considered. Include copy of this form with next communication.

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